Module - 5 Croaphs And Charts 1 Barplot & A barplot () A we can supply a nector or matrix as Ilip If we supply a vector, the plat will have bar with their heights equal to the elastic in Si yemb = c(51,50,53,54,50,58,50) basplot a (temp) server dod sup de model à toin heading sign of solomis labores rlab - or axis name. y lab - y ascisname name arg - name of each bar

name any - name of each on della color name of bar horiz - horizontal graph Choriz = TRUE)

density - shading (density = 10)

150 to 7 2019, and . 100

border = bar border color.

Pie chart function; piecos) 9 4019 190 x = ((1,1,1,2,2,3,3,4,4,4) O tolger y = table (x)

Pie (y) A main: - heading. >pie (y, main = "host") x -input value labels - de give labels names dur stides. edges - circular olp of pie is approximated
er polygon with many edges [default: radius = to charge radius, default-0.8, mo clockwise to label in clockwise direction (clockwise) density - to shade pie. eg: clessify = c(10, 20, 30, 40) diff, shading, each side col - toa give coloss boarder - Ao give bord.

Histogram x = c(1,1,1,1,2,2,2,2,3,3,3,4,4) J = table(x) 8-1-8-6 >>1 one is and 2 3 4 5432 shist (x) elo see doorbids succession is a major > cut(x,6) males - 1-2 main - heading · toing 19 99 396 xlab - or asu's name doing 2 got that so go Alap - A " xlim - x limit and the contract Aliw - a liwit 1000 0000 0 (a) - colow density - shading density = c(20,30,40) treq - get the prob. distribution istered of Preg Freg - EALSE las - to show the limit values horizontally. las= TRUE A border-set border burder = f

density - shading alensity = c(20,30,40)

Freq - get the prob distribution istered of freq.

las - to show the limit values horizontally.

las=TRUE

border - set border border = f

breaks - no. of cells we want.
- place where the break occur.

counts - no. of observations falling in that cell.

Staffer plat 77 9) = plot(c(5, 6, 7, 8, 9))  $9 \times = 1:5$   $7 \times = 6:10$   $9 \times = 1:5$ 3 - 1 2 3 4 5 3.8 >plot(x,y) main - heading 64 de de 10 32 xlab - x axis name ylab - y ascirsame (2,5)1. type - p' for point, in he celing THE COURSE HE S il' for lines b' for both line & points 'é for lines part alone al bi 'è' ever ploted xcc/63h' for histogram 100 years and in 's fur stair estert all top. 'n' no plotting . I Valley in the set work of

a clockwise - to label in clockwise direction (clock à density - to shade pie. eg: clensify = c(10, 20, 30, 40) diff, shading, each slide à col - toa give coloss poader - vogive porder border = F \* we can make 3D by pinstalling plotrix ed bie 3 D(A) > pie (pie 3D (3, explode = 2) It make the pie chart into pieces.

Box plat \* Quantitative data ploting # Function - bouplot g: > boxplot (airquality \$ ozone) main, xlab, ylab, col A notch - notch in the plat - notch = T phosizontal: horizontal= T (display box plo : multiple box plat 702 = airquality \$0200e > temp = cirqualify & temp > wind = airquality & wind > box plot (OZ, temp, wind) varwioth: changes the box width es: varwidth=1 border - It change burder color.